Contains No CBI



September 21, 1992

Document Processing Center (TS-790)
Office of Pollution Prevention and Toxics
U. S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Attn: Section 8(e) Coordinator (CAP Agreement)

SUSEPRE 211 1: 17

8EHQ-92-12522

88920010707

INIT

Dear Sir or Madam:

Subject:

Report submitted in accordance with guidelines established by the U. S. Environmental

Protection Agency Registration and Agreement for the TSCA 8(e) Compliance Audit

Program

Report submitted by:

Eastman Kodak Company

343 State Street

Rochester, NY 14650

(716) 724-4000

CAP Agreement Identification Number (8ECAP-0039)

The report pertains to 1-isocyanato-4-methylbenzene [CAS# 622-58-2] and is being submitted because of effects observed in an acute inhalation toxicity test in rats. All animals exposed at 0.48 mg/L, the lowest dose tested, died in sixteen days. The report is being identified as a study involving other than human effects (Unit II.B.2.b of CAP Agreement).

This material has been used internally and sold as a pure chemical. Annual sales have been 0.3-12 kg/year.

Questions regarding this submission should be addressed to:

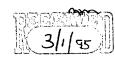
Mr. William Hart, Eastman Kodak Company Corporate Health and Environment Laboratories Rochester, NY 14652-3615 (716) 722-5991

Sincerely,

R. Houp Bee

R. Hays Bell, Ph.D., Vice President Corporate Health, Safety and Environment (716) 722-5036

RHB:JAF Enclosure





HS&HFL No.: Acc. No.: 901985

TOXICITY REPORT - E. K. CO. - LABORATORY OF INDUSTRIAL MEDICINE Chemical: Benzene, 1-isocyanato-4-methyl-

Symptoms	Accelerated respiration, gasping, excessive salivation, convulsions, narcosis				
Mortality	3/3	0/3 3/3 in 16 days			
Time	2 hr. 59 min	6 hr			
Conc.	4.74 mg/L (871 ppm)	0.48 mg/L (88 ppm)		·	
Animals* No. and Species	æ	e R			•
Type of Exposure	Inhalation Airflow 2 L/min through compound at room temperature	Airflow ½ L/min through compound. 3½ L/min bypass.			

*G.P. = Guinea Pig, M = Mouse, R = Rat, RB = Rabbit

Remarks:

AGENCY AG

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

R. Hays Bell, Ph.D. Vice President, Corporate Health, Safety, and Environment Eastman Kodak Company 343 State Street Rochester, New York 14650

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

MAY 0 8 1995

EPA acknowledges the receipt of information submitted by your organization under Section 8(e) of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA §8(e) Document Control Number (e.g., 8EHQ-00-0000) assigned by EPA to your submission(s). Please cite the assigned 8(e) number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

All TSCA 8(e) submissions are placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA §8(e) policy statement (43 FR 11110, March 16, 1978). Confidential submissions received pursuant to the TSCA §8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims. This information is required and should be submitted if not done so previously. To substantiate claims, submit responses to the questions in the enclosure "Support Information for Confidentiality Claims". This same enclosure is used to support confidentiality claims for non-CAP submissions.

Please address any further correspondence with the Agency related to this TSCA 8(e) submission to:

Document Processing Center (7407)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
Washington, D.C. 20460-0001

EPA looks forward to continued cooperation with your organization in its ongoing efforts to evaluate and manage potential risks posed by chemicals to health and the environment.

Enclosure

12522A

Sincerely,

Terry R. O'Bryan Risk Analysis Branch

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Triage of 8(e) Submissions

Date sent to triage:	12/14/95		NON-	CAP	CAP)
Submission number: _	125a	A C	TSCA	Inventory: (YN	D
Study type (circle app	ropriate):					
Group 1 - Dick Cleme	ents (1 copy tota	ıl)				
ECO	AQUATO					
Group 2 - Ernie Falke	(1 copy total)					
ATOX	SBTOX	SEN (WNEUR			
Group 3 - Elizabeth N	Margosches (1 c	opy each)	+			
STOX	стох	EPI	RTOX	GTOX		
STOX/ONCO	CTOX/ONCO	IMMUNO	CYTO	NEUR		
Other (FATE, EXPO, Motes: THIS IS THE ORIGINAL PROPERTY OF THE ORIGINA			SE REFILE AFT	ER TRIAGE	DATABASE EN	
entire documen Notes:	nt 0 1 2	For Contracto	or Use Only	pages)-Z	
Contractor review	1 mar :	PS	Date:	41	14/95	

CECATS/TRIAGE TRACKING DBASE ENTRY FORM

CECATS DATA: Submission # 8EHQ. 0992 - 12522 SEQ.A TYPE INT SUPP FLWP SUBMITTER NAME: East man Kodak Company				INFORMATION REQUESTED: FLWP DATE: 0501 NO INFO REQUESTED 0502 INFO REQUESTED (TECH) 0503 INFO REQUESTED (VOL ACTIONS) 0504 INFO REQUESTED (REPORTING RATIONALE) DISPOSITION: 0539 REFER TO CHEMICAL SCREENING 0578 CAP NOTICE				_ (OLUNTARY ACTIONS: 0401) NO ACTION RI PORTI D 0402 STUDIES PLANNE DAINDERWAY 0403 NOTIFICATION OF WORKE ROTHERS 0404 LAREL/MSDS CHANGES 0405 PROCESS/HANDLING CHANGES 0406 APP/USE DISCONTINUED 0407 PRODUCTION DISCONTINUED 0408 CONFIDENTIAL		
SUB. DAT		 	IS DATE: 09	a4 / 9	<u>Q</u> cs	RAD DATE: <u>O</u>	3 01 95 <u>•</u> 622 -58	-2			
0201 0202 0203 0204 0205	MUTA (II MUTA (II REPRO/I REPRO/I NEURO NEURO ACUTE,' CHR. TO ACUTE SUB AC	IUMAN) NIMAL) ANS (IN VITRO) N VITRO)	P F C 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04	0216 0216 0217 0218 0219 0220 0221 0222 0223 0224 0225 0226 0227 0228 0239 0240	HUMAN EXPO HUMAN EXPO ECO/AQUA TO ENV. OCCC/RE EMER INCI OF RESPONSE RE PROD/COMP/C REPORTING R CONFIDENTIA ALLERG (HUM ALLERG (ANII METAR/PHARI	ELFATE FENV CONTAM QEST DELAY HEM ID LATIONALE L	P F C 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04	[NFORI 9241 9242 9243 9244 9245 9246 9247 9248 9251 9299	IMMUNO (ANIMAL IMMUNO (HUMAN CHEM/PHYS PROP CLASTO (IN VITRO CLASTO (ANIMAL) CLASTO (HUMAN) DNA DAM/REPAIR PRODAUSE/PROC MSDS OTHER		P F C 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04
TRIAGE CAS	DATA	NON-CBI INVENTORY YES NO	ONGOING REV YES (DROP/RE	FER)	SPECIES RAT	TOXICOLOGIC	AL CONCERN:		ingenoly	PRODUCTION Sales .3	1: 5-12 kg/yr
		IN IT HAMIN	REFER			HIGH					

COMMEND

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Acute inhalation toxicity in rats is of moderate concern. Single 6-hour inhalation exposures to rats (3/group) at levels of 480 and 4740 mg/m³ were lethal to 3/3 high-concentration rats within 3 hours and 3/3 low-concentration rats within 16 days. Clinical signs included accelerated respiration, gasping, excessive salivation, convulsions, and narcosis in highconcentration animals.